

Appln. No. 10/758,554
Submission Dated Jan. 18, 2005
Reply to Notice of Sept. 15, 2004
Replacement Sheet

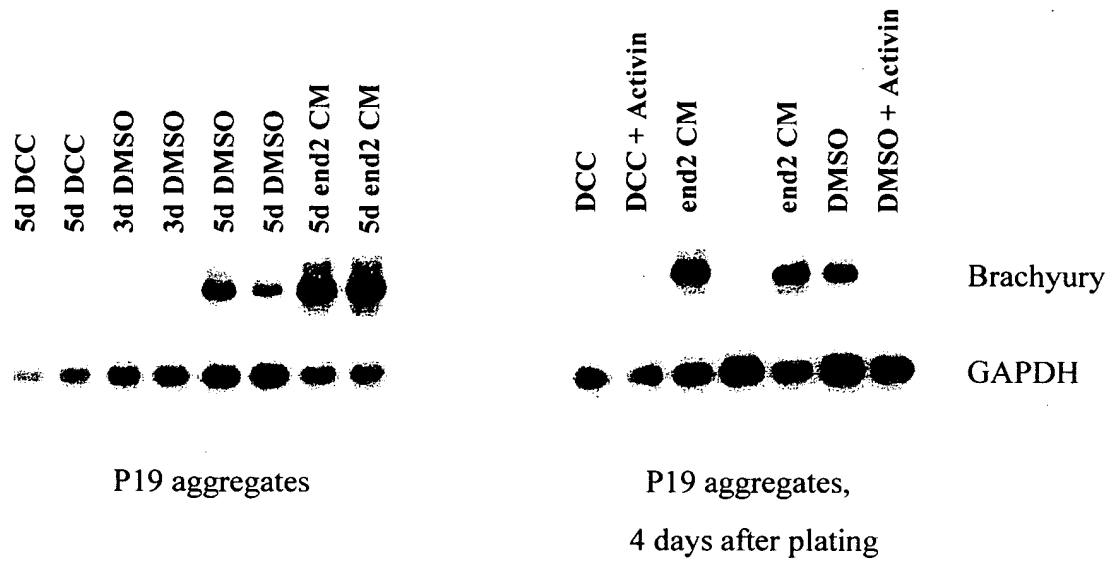


Fig. 10B

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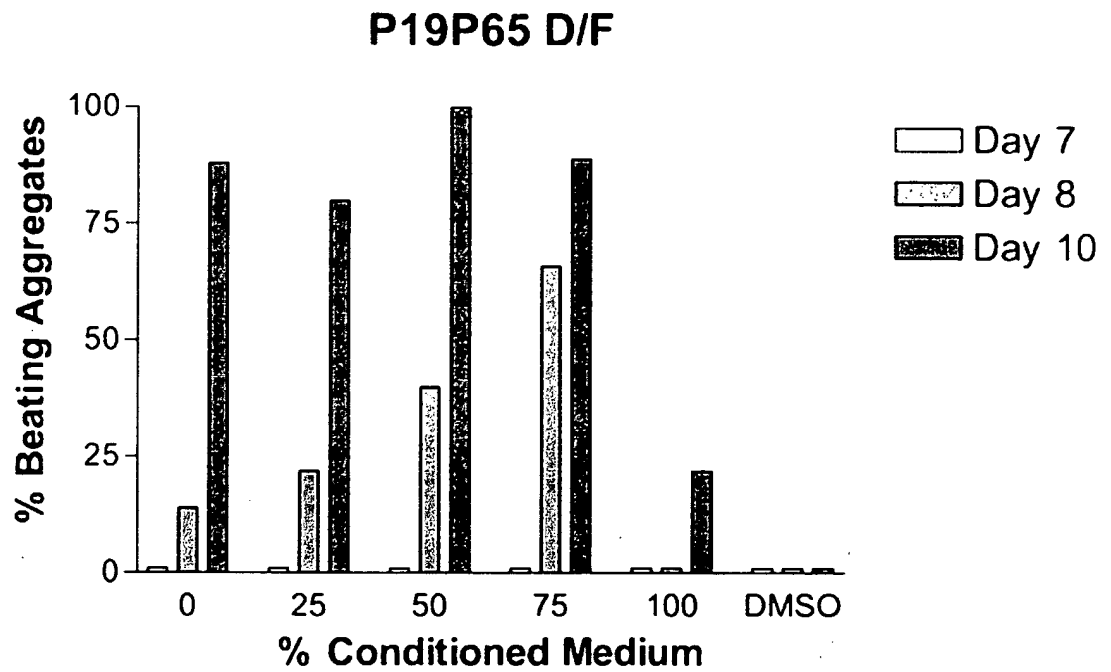


Fig. 10A

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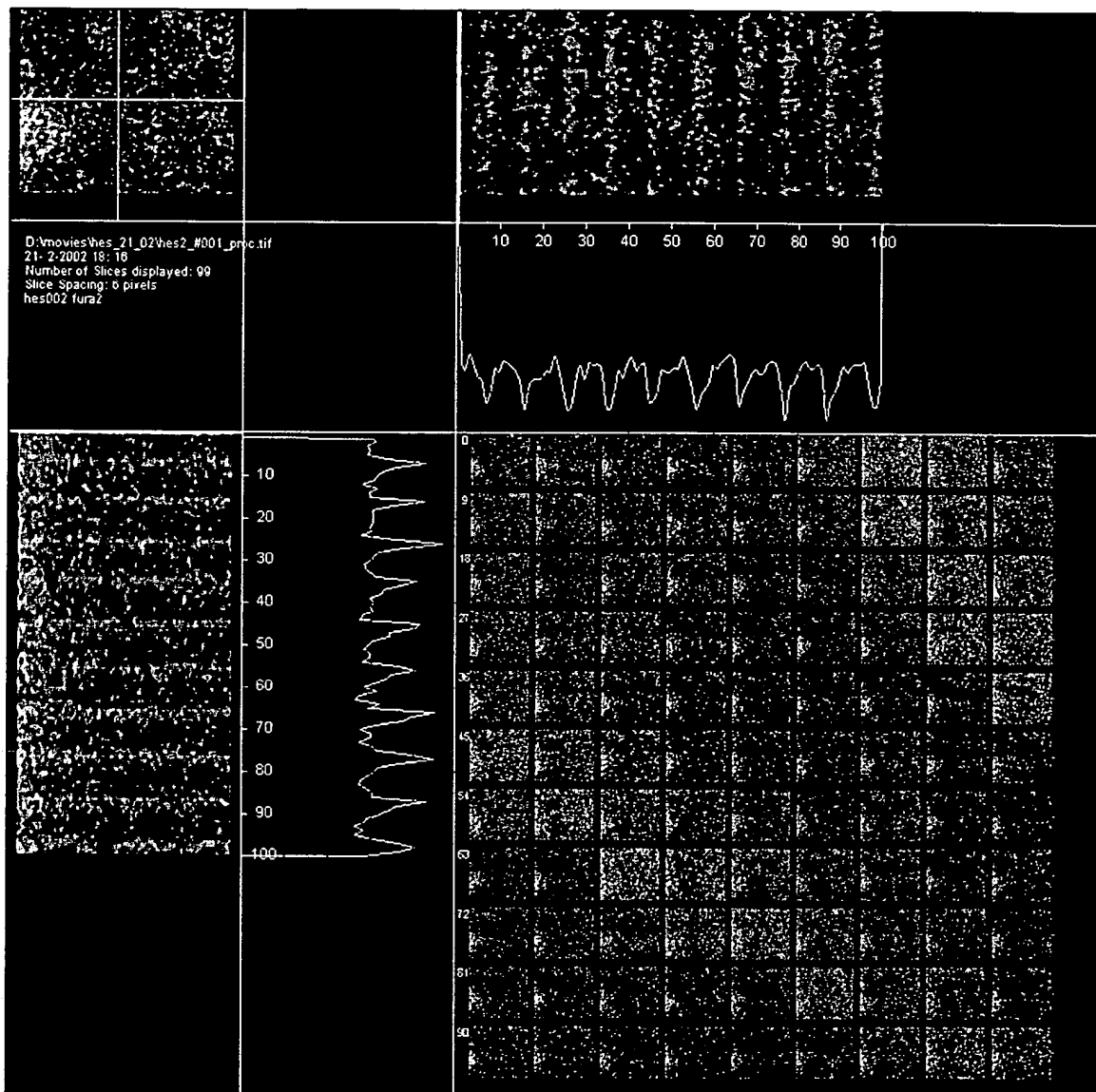


Fig. 9B

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Cardiomyocytes derived from Human Embryonic Stem Cells

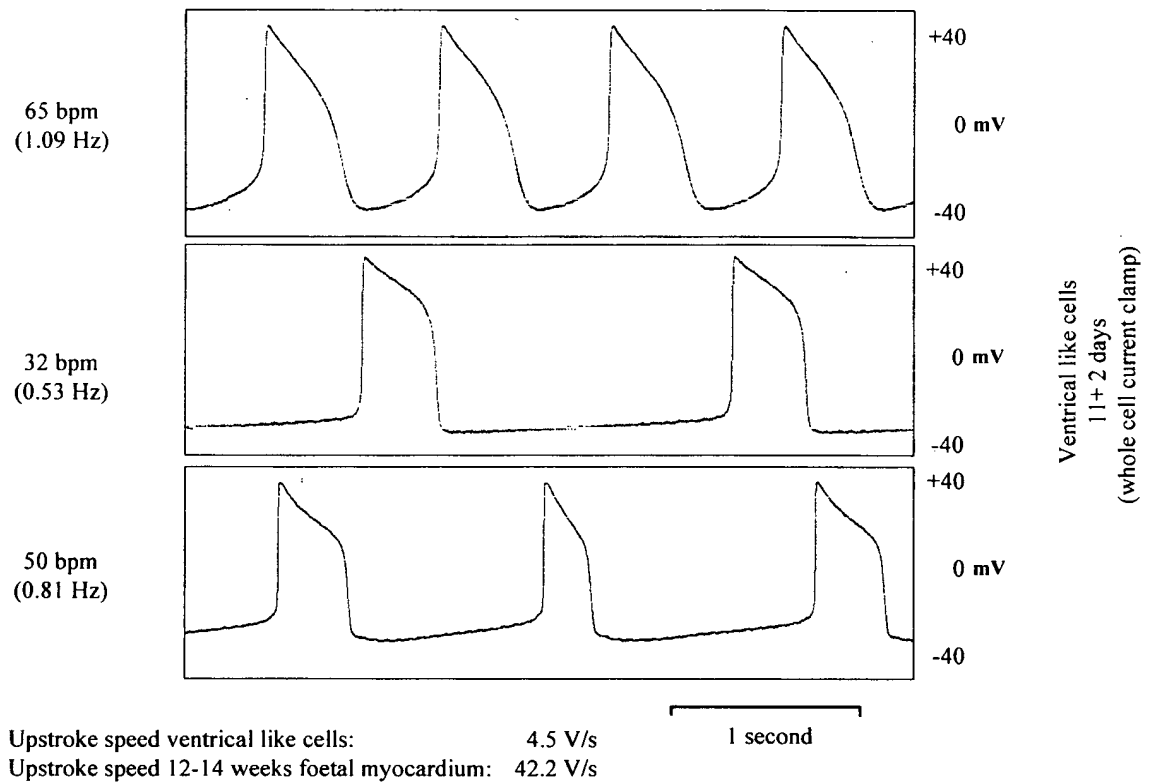


Fig. 9A

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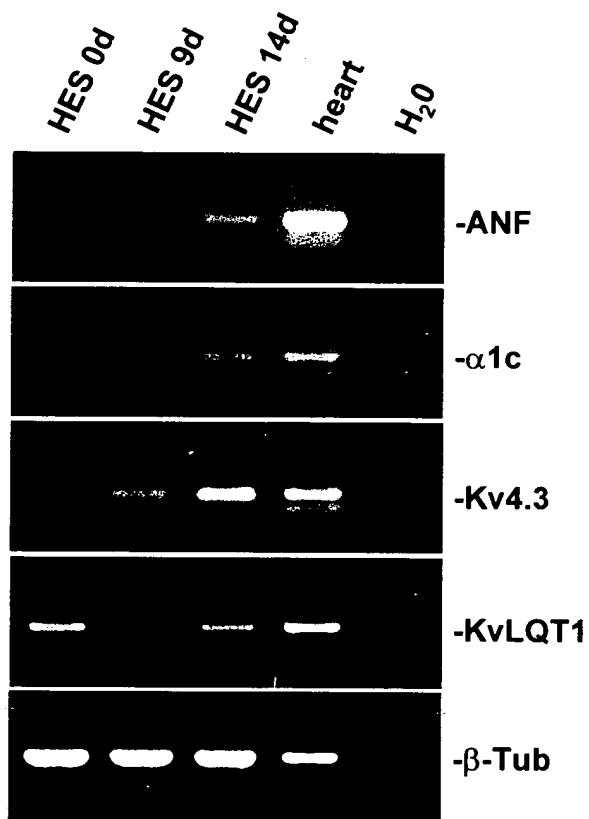


Fig. 8

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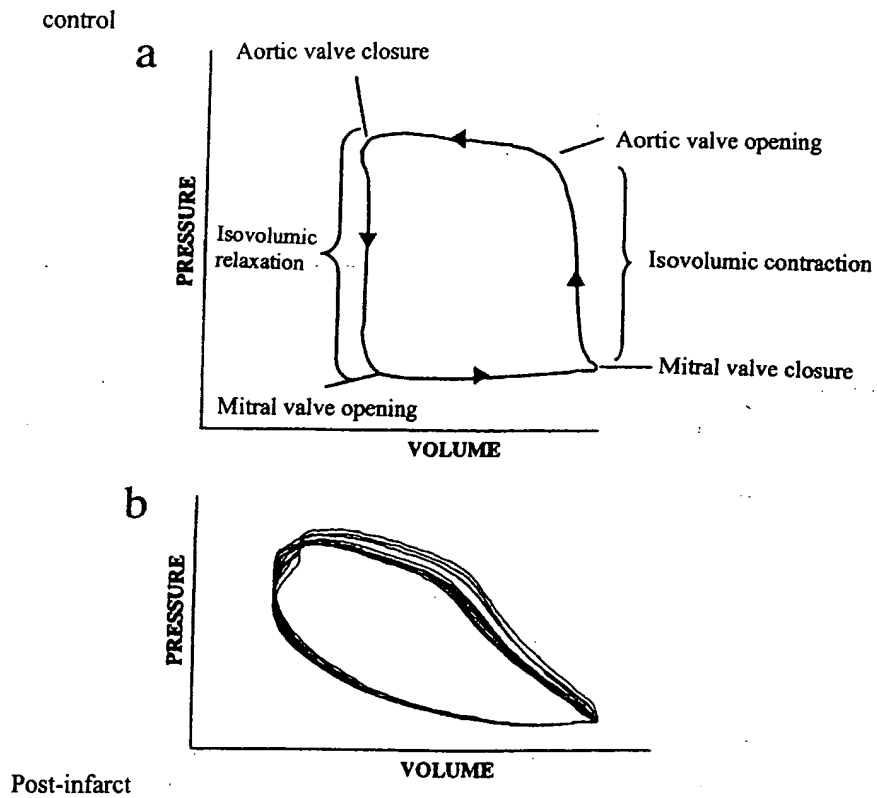


Fig. 7

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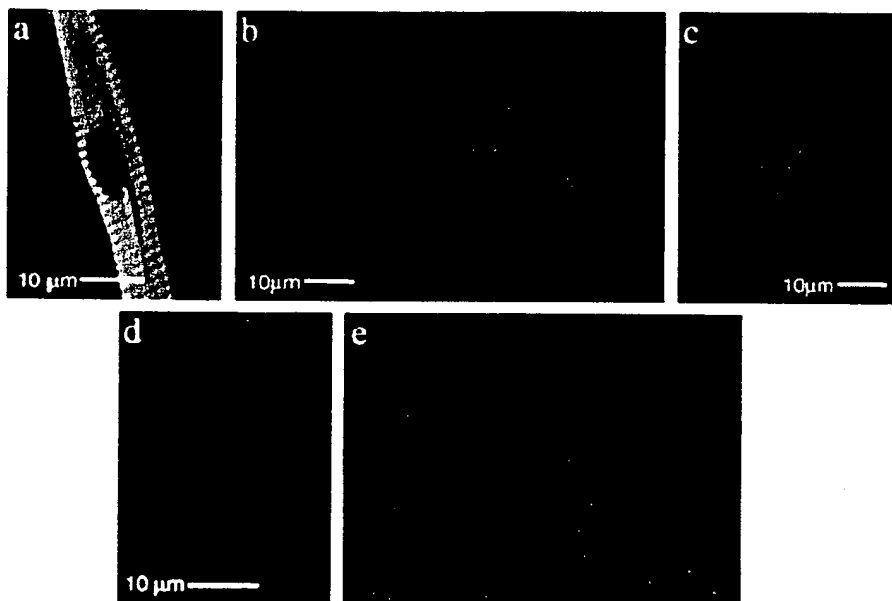


Fig. 6

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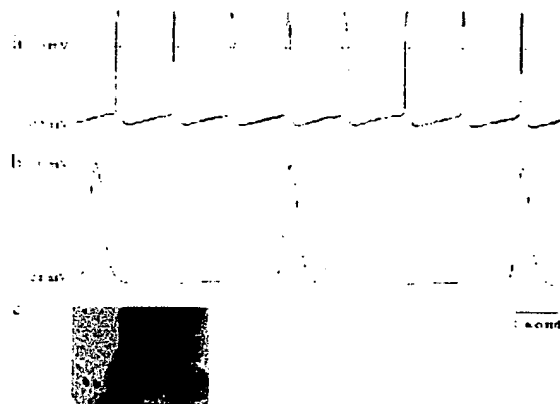


Fig. 4

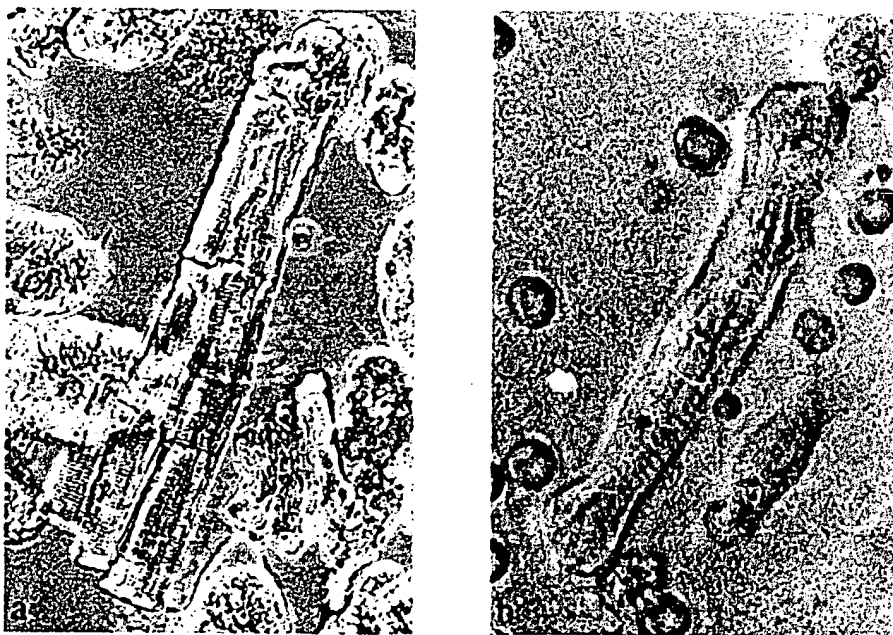


Fig. 5

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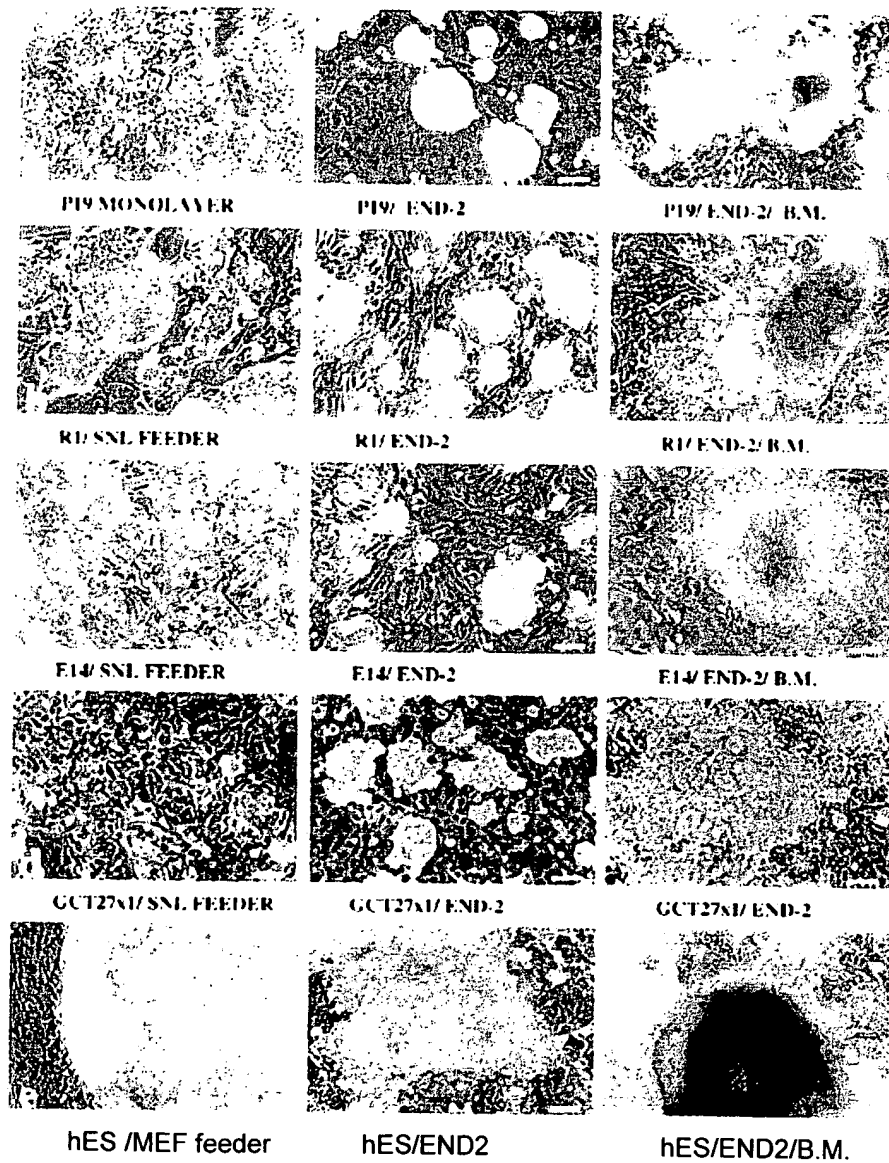
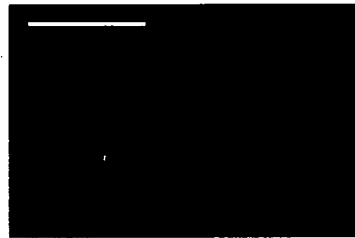
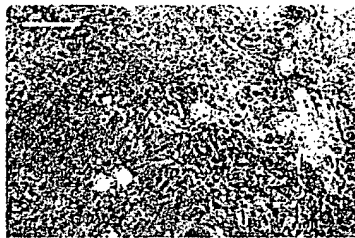
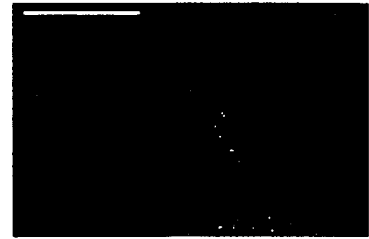
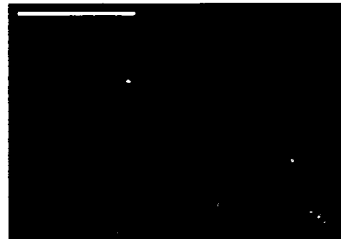


Fig. 3

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hES cells



α -Actinine
(sarcomeric)
Staining

Phase contrast: area of beating
muscle

Fluorescent image of same
area

Fig. 2



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Undifferentiated hES colony on MEFs

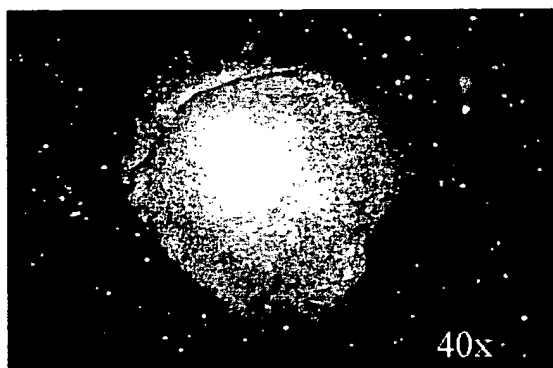


Fig. 1A

hES after 14 days in co-culture with END-2 cells

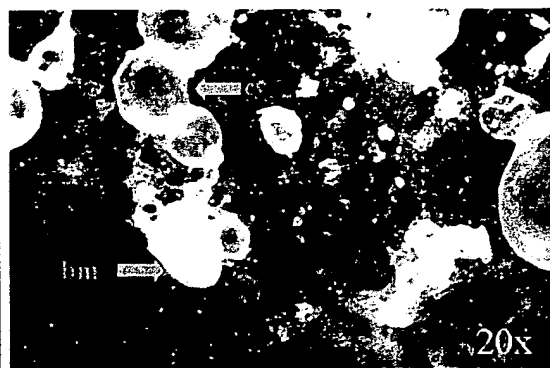


Fig. 1B